Index of Claims



Application/Control No.

10/659,740

Examiner

Jack M. Choules

Applicant(s)/Patent under Reexamination

MUSGROVE ET AL.

Art Unit

2167

| √ | Rejected |
|---|----------|
| = | Allowed |

(Through numeral)
Cancelled
+ Restricted

Non-Elected
I Interference

A Appeal
O Objected

| Cla | aim | | | | | Dat | е | | | | | Cla | aim | | | | _ [| ate | | | |] | CI | aim | T | | | C | ate | • | | | |
|-----------------|----------|---|----------|--|-----------|----------------|--|--|--------------------|--------|----------------|------------------------|----------|-----------|--------------------|----------|----------|-------------------|-------------------------|--------|---------------------------------------|----------------|--------|------------|----------|----------|----------|----------|-----------|--------------|---|---|----------|
| | <u>-</u> | ļ. | | | | | | | | | | | -6 | | | | | | | | |] | | F | | | | | | | П | T | П |
| Final | Original | 7/11/05 | | 1 | | | 1 | | | 1 | | Final | Original | | | l | | | - 1 | | 1 | | Final | Original | | | | - 1 | | | | | |
| ļ iĒ | Ĕ | 12 | | | | | 1 | | 1 | | | ίĒ | ξ | | | | | | - 1 | | | | iΞ | jř | | | ı | - 1 | | | | | - 1 |
| | | Ĺ | | | | | <u> </u> | _ | L | ┸ | | | | L | L | | | | | | | | | | | | | | | | | | |
| | 1 | 1 | | | | | | | | | | | 51 | V | | | | | | | | | | 101 | | | | | | | | \Box | |
| | 2 | Ц | 丄 | | | L | L | ╙ | L | ┸ | | | 52 | Ц | | | | | | | | | | 102 | | | | | | | | \Box | |
| | 3 | Ц | <u> </u> | ┖ | | $oxed{oxed}$ | ļ | ـــــ | L | _ | 1 | L | 53 | Ц | Ш | | Ш | _ | _ | | 1 | | | 103 | Ш | | | | | | | | |
| | 4 | Ц | <u> </u> | <u> </u> | <u> </u> | $oxed{oxed}$ | _ | | L | 1 | J | | 54 | Ц | Ш | | | \dashv | 4 | _ | | | ļ.,.,. | 104 | | | _ | | | | \dashv | ightharpoonup | _ |
| <u> </u> | 5 | Ц | <u> </u> | _ | _ | _ | _ | ļ | L | \bot | - | | 55 | 1 | | | Ц | _ | _ | _ | \bot | | | 105 | | | \perp | _ | _ | _ | \dashv | 4 | \Box |
| | 6 | Н | ļ | ļ | ⊢ | | <u> </u> | <u> </u> | ┞ | 4 | - | <u> </u> | 56 | 0 | | | \Box | _ | _ | _ | ↓ | | | 106 | | | \dashv | _ | _ | | \dashv | _ | _ |
| | 7 | Н | ├- | <u> </u> | ⊢ | ⊢ | ⊢ | - | ├- | \bot | - | | 57 | 1 | <u> </u> | | \dashv | - | \dashv | | ـــــــــــــــــــــــــــــــــــــ | | | 107 | Ш | _ | _ | _ | _ | _ | _ | 4 | 4 |
| | 8 | Н | ├ | | ⊢ | ⊢ | ⊢ | - | ╄ | +- | - | | 58 | 0 | <u> </u> | | | 4 | 4 | + | | | | 108 | Ш | | _ | _ | _ | _ | \dashv | 4 | _ |
| ļ | 9 | H | ▙ | _ | _ | _ | ├ | <u> </u> | ⊢ | + | - | | 59 | 1 | Н | _ | \Box | | + | - | + | | | 109 | | _ | | \dashv | | _ | _ | \dashv | _ |
| <u> </u> | 10 | ., | ⊢ | ⊢ | \vdash | ⊢ | ▙ | ┝ | ⊢ | + | - | <u> </u> | 60 | \vdash | Н | _ | \dashv | \dashv | + | | + | | | 110 | Н | \dashv | | _ | - | _ | | \dashv | 4 |
| | 11 | 1 | \vdash | \vdash | \vdash | ├ | ₩ | | ╀ | + | - | $\vdash \vdash$ | 61 | 1 | \vdash | _ | | \dashv | + | + | + | | | 111 | Н | \sqcup | | _ | | _ | \dashv | \dashv | _ |
| <u> </u> | 12 | 0 | ⊢ | \vdash | \vdash | - | ├ | - | ╀ | + | 1 | $\vdash \vdash$ | 62 | 1 | H | | | - | + | + | + | | | 112 | \vdash | \dashv | | 4 | _ | | \dashv | + | 4 |
| - | 13 | 7 | ┼ | ⊢ | ├ | - | ⊢ | \vdash | \vdash | ╀ | - | | 63 | 0 | Н | | | - | | - | + | | | 113 | Н | \dashv | \dashv | \dashv | _ | . | \dashv | + | 4 |
| | 14 15 | 0 | ├- | | \vdash | \vdash | \vdash | \vdash | + | + | - | | 64 65 | 0 | \vdash | | \dashv | | + | + | + | | | 114 | \vdash | \dashv | | - | 4 | | \dashv | \dashv | \dashv |
| | 16 | H | \vdash | \vdash | \vdash | ⊢ | ├- | ⊢ | ╀ | + | - | - | 66 | 7 | Н | \vdash | | \dashv | + | | +- | | | 115 | Н | \dashv | | \dashv | | | \dashv | + | \dashv |
| | 17 | Н | \vdash | \vdash | \vdash | \vdash | ├ | ╁ | ╀ | + | - | $\vdash \vdash$ | 67 | H | \vdash | | \dashv | \dashv | + | +- | + | | | 116 117 | Н | \dashv | \dashv | \dashv | | | \dashv | + | \dashv |
| | 18 | H | ┼ | - | ⊢ | \vdash | ⊢ | ├ | ┝ | ╁ | - | - | 68 | H | - | _ | _ | + | + | | + | | | | Н | \dashv | | \dashv | + | - | \dashv | - | 4 |
| | 19 | √ | ┢ | \vdash | H | ┝ | ⊢ | ┝ | ┝ | ╁╌ | - | <u> </u> | 69 | H | Н | - | | -+ | _ | - | + | | | 118 119 | - | \dashv | -+ | \dashv | \dashv | | \dashv | - | 4 |
| | 20 | ò | \vdash | | | - | ┢ | ┢ | ┝ | + | - | <u> </u> | 70 | H | Н | - | - | \dashv | - | + | +- | | | 120 | | | \dashv | \dashv | \dashv | | \dashv | + | \dashv |
| | 21 | 0 | \vdash | | ┝╌ | \vdash | \vdash | \vdash | \vdash | ╁╌ | 1 | \vdash | 71 | Н | | | | \dashv | + | + | + | | | 121 | Н | - | \dashv | | - | \dashv | -+ | + | \dashv |
| | 22 | 6 | ┢ | - | \vdash | - | \vdash | ╁ | H | ╁╌ | 1 | \vdash | 72 | H | Н | | - | \dashv | | | ╁ | | | 122 | \vdash | \dashv | \dashv | \dashv | - | \dashv | + | + | \dashv |
| _ | 23 | 7 | 一 | | | ┢ | | | ┢ | + | 1 | \vdash | 73 | Н | Н | _ | _ | \dashv | + | | + | | | 123 | Н | -1 | - | \dashv | ┥ | \dashv | \dashv | + | \dashv |
| | 24 | Ť | ┢╌ | - | | | | ┢ | H | +- | 1 | \vdash | 74 | Н | Н | - | \dashv | -+ | + | +- | + | | | 124 | Н | \dashv | \dashv | - | \dashv | \dashv | \dashv | + | \dashv |
| | 25 | + | H | | | - | | | <u> </u> | + | 1 | \vdash | 75 | Н | Н | | \dashv | \dashv | + | + | + | | | 125 | Н | | \dashv | -+ | ┪ | \dashv | + | + | \dashv |
| <u> </u> | 26 | 1 | H | - | H | H | - | | ┢ | +- | 1 | \vdash | 76 | Н | H | | \dashv | \dashv | + | | + | | | 126 | Н | \dashv | -+ | ┪ | \dashv | - | + | \dashv | \dashv |
| \vdash | 27 | o | T | T | \vdash | _ | | \vdash | ╁ | \top | 1 | | 77 | H | Н | | \dashv | -+ | \top | | + | | | 127 | Н | \dashv | \dashv | | \dashv | _ | + | + | ᅱ |
| | 28 | 0 | T | T | | <u>├</u> | Н | 一 | T | ╁ | 1 | | 78 | 1 | П | | _ | <u> </u> | + | +- | +- | | | 128 | Н | \dashv | _ | \dashv | \dashv | 7 | \dashv | 十 | ᅱ |
| | 29 | 0 | 1 | - | | | Т | 一 | Г | 十 | 1 | | 79 | Н | П | | \dashv | \dashv | - | 十 | + | | | 129 | Н | \dashv | \dashv | \dashv | - | \dashv | _ | + | ᅥ |
| | 30 | 0 | T | | | | Г | | | 十 | 1 | | 80 | П | | | \dashv | T | ╅ | \neg | † | | | 130 | H | \neg | 7 | 寸 | 十 | \dashv | \dashv | + | ᅥ |
| | 31 | √ | | | | | Г | Г | T | T | 1 | | 81 | П | П | | 一 | \neg | \top | \top | | | | 131 | | 寸 | \dashv | T | 一 | 7 | \top | \dashv | ┪ |
| | 32 | 7 | | | | | | | Г | T | | | 82 | | П | | \neg | | 1 | | 1 | | | 132 | | T | \neg | 寸 | | T | 寸 | \top | ヿ |
| | 33 | Ţ | | | | | | | L | Ι |] | | 83 | | | | | | \neg | | | | | 133 | | 一 | 寸 | 寸 | 寸 | _ | \dashv | \top | ٦ |
| | 34 | | | | | | | | | |] | | 84 | \coprod | | 1 | _1 | | | | Π | | | 134 | | | 1 | \neg | 寸 | | 一 | 7 | ٦ |
| | 35 | | L | | | | | | | |] | | 85 | \coprod | | | | | | | | | | 135 | | | | | | | 丁 | 丁 | _ |
| | _36 | $oldsymbol{ol{ol{ol}}}}}}}}}}}}}}}}}$ | | | | | | | | | | | 86 | | | | | | J | | \prod | | | 136 | | | | \Box | | | | | |
| | 37 | \perp | | oxdot | | | | | | | | | 87 | | | | | | $oldsymbol{\mathbb{L}}$ | | | | | 137 | | \Box | \Box | | | | \Box | \Box | \Box |
| <u> </u> | 38 | \perp | | Ш | \Box | | L_ | $oxedsymbol{oxedsymbol{oxed}}$ | $oxedsymbol{oxed}$ | | | \coprod | 88 | \perp | \Box | | \Box | $\Box \mathbb{I}$ | | | | | | 138 | | | | | \Box | | \Box | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | |
| $\sqcup \sqcup$ | 39 | 1 | <u>L</u> | Ш | Ш | Ш | Ш | <u> </u> | L | _ | | | _89 | 4 | $oxedsymbol{oxed}$ | | [| | | | | | | 139 | | | \Box | | $oxed{J}$ | | | $oxed{oxed}$ | |
| | 40 | ⊥ | <u> </u> | | Ш | L., | L. | \perp | L | _ | | <u> </u> | 90 | L. | \sqcup | | | \perp | \perp | \bot | Ш | | | 140 | Ш | | \perp | | \Box | | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $oldsymbol{ol}}}}}}}}}}}}}}}$ | \Box |
| <u> </u> | 41 | \perp | <u> </u> | | Ш | Ш | Щ. | L., | L | 1_ | | | 91 | L | Ш | [| _[| | \perp | | \sqcup | |] | 141 | Ш | | \perp | \Box | \Box | | $oxed{oxed}$ | $oxed{\bot}$ | ╝ |
| | 42 | 1 | | | Ш | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u> | <u> </u> | ╄- | . | $\sqcup \sqcup$ | 92 | | Ш | | _ | \perp | \perp | | Ш | | | 142 | \Box | | _ | _ | \perp | | $oldsymbol{\perp}$ | \perp | ╝ |
| <u> </u> | 43 | + | <u> </u> | | \sqcup | Щ | $oxed{oxed}$ | Ш | <u> </u> | ↓_ | | | 93 | | Щ | | _ | \perp | _ | _ | $\perp \downarrow$ | | | 143 | Щ | | \perp | \perp | \perp | \dashv | \perp | \perp | \Box |
| \vdash | 44 | + | <u> </u> | _ | \square | <u> </u> | | _ | L | +- | . | $\vdash \dashv$ | 94 | <u> </u> | Щ | _ | _ | 4 | \bot | _ | \sqcup | | | 144 | Щ | ļ | | | _ | \dashv | \dashv | \bot | \dashv |
| | 45 | + | ├ | | Щ | <u> </u> | | _ | ⊢ | + | | $\vdash \vdash$ | 95 | <u> </u> | \sqcup | _ | _ | \perp | \bot | - | \sqcup | | | 145 | \sqcup | _ | _ | 4 | _ | \downarrow | \dashv | \bot | \Box |
| ┝╌┤ | 46 | + | \vdash | | | | \vdash | <u> </u> | - | + | | $\vdash \vdash \vdash$ | 96 | <u> </u> | $\vdash \mid$ | _ | _ | _ | \bot | _ | \vdash | | | 146 | | \dashv | _ | 4 | 4 | _ | 4 | \bot | 4 |
| ├—- | 47 | + | | - | - | | \vdash | <u> </u> | \vdash | +- | 1 | $\vdash \vdash \vdash$ | 97 | <u> </u> | $\vdash \vdash$ | _ | \dashv | 4 | | - | Ш | | | 147 | \sqcup | _ | _ | \dashv | \dashv | 4 | \dashv | \bot | \dashv |
| \vdash | 48 | + | - | - | | | \vdash | \vdash | - | + | 1 | | 98 | _ | $\vdash \vdash$ | 4 | _ | 4 | | _ | \sqcup | | | 148 | Щ | _ | _ | 4 | _ | _ | _ | \bot | \dashv |
| \vdash | 49 | 1 | | | Ш | | \vdash | \vdash | \vdash | ┼- | 1 | $\vdash \vdash \vdash$ | 99 | ļ | $\vdash \vdash$ | | 4 | - | 4 | | + | | | 149 | \sqcup | \dashv | _ | 4 | _ | _ | \dashv | \dashv | _ |
| $\sqcup \sqcup$ | 50 | 1 | L | | | | | L_ | | | J ::::: | ш | 100 | | | | | | | | ┸┚ | ::::: | | 150 | | _ | - 1 | | - 1 | - 1 | | - 1 | - 1 |